

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			ATTY. DOCKET NO.		SERIAL NO.		
			1999U26.US-CON3		10/635,864		
			APPLICANT LOVEDAY et al.				
			FILING DATE		GROUP		
			August 6, 2003		1796		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		US 2001-0029232	10/2001	Eisen et al.			
AB		US 2001-0031695	10/2001	Loveday et al.			
AC		US 2002-0103071	08/01/2002	Oskam			
AD		US 2002-0107137	08/08/2002	Peterson et al.			
AE		US 2002-0111443	08/15/2002	Szul et al.			
AF		US 2002-0119890	08/29/2002	Wenzel et al.			
AG		US 4057565	11/08/1977	Manzer			
AH		US 4748221	05/31/1988	Collomb et al.			
AI		US 4789359	12/06/1988	Sawada			
AJ		US 4789714	12/06/1988	Cozewith et al.			
AK		US 4923833	05/08/1990	Kioka et al.			
AL		US 5283278	02/01/1994	Daire et al.			
AM		US 5290745	03/01/1994	Jorgensen et al.			
AN		US 5317036	05/31/1994	Brady, III et al.			
AO		US 5318935	06/07/1994	Canich et al.			
AP		US 5426243	06/20/1995	Lecouve			
AQ		US 5506184	04/09/1996	Kissin et al.			
AR		US 5608019	03/04/1997	Cheruvu et al.			
AS		US 5622906	04/22/1997	Pettijohn			
AT		US 5637660	06/10/1997	Nagy et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	AU	DE 2332890					
	AV	EP 0197310	10/15/1986	EP			
	AW	EP 0241560	10/21/1987	EP			
	AX	EP 0593083	04/20/1994	EP			
	AY	EP 0668295	06/1998	EP			
	AZ	EP 0751142	01/02/1997	EP			
	BA	EP 0803520	12/16/1998	EP			
	BB	EP 0816372 A2	01/07/1998	EP			
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	BC	BAUMAN et al., Synthesis of Titanium and Zirconium Complexes That Contain the Tridentate Diamido Ligand, $[(t\text{-Bu}-d_6\text{N}-o\text{-C}_6\text{H}_4)_2\text{O}]^{2-}$ (NON^{2-}) and the Living Polymerization of 1-Hexene by Activated $[\text{NON}]\text{ZrMe}_2$, <i>J. Am. Chem. Soc.</i> 1997, 119, 3830-3831					
EXAMINER /William Cheung/			DATE CONSIDERED 06/11/2009				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant							

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /WC/

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			ATTY. DOCKET NO.		SERIAL NO.		
			1999U26.US-CON3		10/635,864		
			APPLICANT		LOVEDAY et al.		
			FILING DATE		GROUP		
			August 6, 2003		1796		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BD	US 5643846	07/01/1997	Reddy et al.				
BE	US 5672669	09/30/1997	Wasserman et al.				
BF	US 5674796	10/07/1997	Lee et al.				
BG	US 5693727	12/02/1997	Goode et al.				
BH	US 5705578	01/06/1998	Peifer et al.				
BI	US 5707913	01/13/1998	Schlund et al.				
BJ	US 5726115	03/10/1998	Horton et al.				
BK	US 5723399	03/03/1998	Takemoto et al.				
BL	US 5747620	05/05/1998	Machida et al.				
BM	US 5756727	05/26/1998	Beller et al.				
BN	US 5763549	06/09/1998	Elder et al.				
BO	US 5798427	08/25/1998	Foster et al.				
BP	US 5854166	12/29/1998	Marks et al.				
BQ	US 5889128	03/30/1999	Schrock et al.				
BR	US 5895771	04/20/1999	Epstein et al.				
BS	US 5955555	09/21/1999	Bennett				
BT	US 6090739	07/18/2000	Riedel et al.				
BU	US 6180731	01/30/2001	Rohde et al.				
BV	US 6187940	02/13/2001	Chen et al.				
BW	US 6191239	02/20/2001	Ford et al.				
BX	US 6194520	02/27/2001	Cheruvu et al.				
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
							YES NO
BY	EP 0816384	01/07/1998	EP				
BZ	EP 0874005	10/28/1998	EP				
CA	EP 0890575	01/13/1999	EP				
CB	EP 0893454 A1	01/27/1999	EP				
CC	EP0279863	10/14/1992	EP				
CD	JP 07-118317	05/09/1995	JP				
CE	JP 09-278823	10/28/1997	JP				
CF	JP 10-007712	01/13/1998	JP				
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	CG	BEI et al., Synthesis, Structures, Bonding, and Ethylene Reactivity of Group 4 Metal Alkyl Complexes Incorporating 8-Quinolinolato Ligands, <i>Organometallics</i> 1997, 16, 3282-3302					
EXAMINER	/William Cheung/			DATE CONSIDERED	06/11/2009		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /WC/

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant	
--	--

INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO.		SERIAL NO.			
		1999U26.US-CON3		10/635,864			
		APPLICANT				LOVEDAY et al.	
		FILING DATE		GROUP			
August 6, 2003		1796					
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CH	US 6211111	04/03/2001	Chen et al.			
	CI	US 6214760	04/10/2001	Chen et al.			
	CJ	US 6225421	05/01/2001	Promel et al.			
	CK	US 6225424	05/01/2001	Nishikawa et al.			
	CM	US 6255419	07/03/2001	Imuta et al.			
	CN	US 6265505	07/24/2001	McConvilie et al.			
	CO	US 6271323	08/07/2001	Loveday et al.			
	CP	US 6271325	08/07/2001	McConvilie et al.			
	CQ	US6274684	08/14/2001	Loveday et al.			
	CR	US 6291614	09/18/2001	Chen et al.			
	CS	US 6294495	09/25/2001	Matsunaga			
	CT	US 6300438	10/09/2001	McConvilie			
	CU	US 6300439	10/09/2001	McConvilie			
	CV	US 6303807	10/16/2001	Bertrand et al.			
	CW	US 6316549	11/13/2001	Chum et al.			
	CX	US 6333389	12/25/2001	Whiteker et al.			
	CY	US 6380328	04/30/2002	McConvilie et al.			
	CZ	US 6399722	06/04/2002	Szul et al.			
	DA	US 6403181	06/11/2002	Barry et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
							YES <input type="checkbox"/> NO <input type="checkbox"/>
	DB	JP 10-298216	11/10/1998	JP			
	DC	JP 10-330416	12/1998	JP			
	DD	JP 10-45904	02/17/1998	JP			
	DE	JP 11-049813	02/23/1999	JP			
	DF	JP 2-78663	03/19/1990	JP			
	DG	JP 8-277307	10/26/1996	JP			
	DH	JP 8-81415	07/31/1996	JP			
	DI	RU 2126424	02/20/1999	RU			
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	DJ	Böhm, Ludwig L., et al. "High-Density Polyethylene Pipe Resins" Advanced Materials 4 no. 3, pages 234-238 (1992)					
EXAMINER	/William Cheung/			DATE CONSIDERED 06/11/2009			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant							

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /WC/

INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.	SERIAL NO.		
				1999U26.US-CON3	10/635,864		
				APPLICANT LOVEDAY et al.			
				FILING DATE	GROUP		
				August 6, 2003	1796		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DK	US 6417304	07/09/2002	McConvile et al.				
DL	US 6534604	03/08/2003	Loveday et al.				
DM	US 6656866	12/02/2003	Wenzel et al.				
DN	US 6689847	02/10/2004	Mawson et al.				
DO	US 6696537	02/24/2004	McConvile et al.				
DP	US 6703338	03/09/2004	Holtcamp et al.				
DQ	US 6841631	01/11/2005	Loveday et al.				
DR	US 6894128	05/17/2005	Loveday et al.				
DS	US6723808	04/20/2004	Holtcamp				
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
	DT	WO 91/12285	08/22/1991	PCT			YES <input type="checkbox"/> NO <input type="checkbox"/>
	DU	WO 92/12162	07/23/1992	PCT			
	DV	WO 94/21700	09/29/1994	PCT			
	DW	WO 96/08498	03/21/1996	PCT			
	DX	WO 97/02294	01/23/1997	PCT			
	DY	WO 97/42197	11/13/1997	PCT			
	DZ	WO 97/45434	12/04/1997	PCT			
	EA	WO 97/46599	12/11/1997	PCT			
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	EB	Clark, Cloke, Hitchcock, Love and Wainwright "Titanium (IV) complexes incorporating the aminodiamide ligand . . ." (1995) pp. 333-340					
	EC	Cloke, Hitchcock and Love "Zirconium Complexes incorporating the New Tridentate Diamide Ligand . . ." (1995) pp. 25-30					
	ED	Di Silvestro, Sozzani and Terragni "Polymerization of propene with enantiomeric site catalysts, 1 (1996) pp. 3209-3228					
	EE	Eskelinen, Mari, et al., "Effect of Polymerization Temperature on the Polymerization of Ethylene with Dicyclopentadienylzirconiumdichloride/Methylalumoxane Catalyst" Eur. Polym. J. Vol. 32 No. 3 pages 331-335 (1996)					
	EF	Fuhrmann, Brenner, Arndt and Kempe "Octahedral Group 4 Metal Complexes That Contain Amine, Amido, and Aminopyridinato Ligands: Synthesis, Structure, and Application in a-Olefin Oligo- and Polymerization" (1996) pp. 6742-6745					
EXAMINER /William Cheung/				DATE CONSIDERED 06/11/2009			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant							

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /WC/

INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.		SERIAL NO.	
				1999U26.US-CON3		10/635,864	
				APPLICANT LOVEDAY et al.			
				FILING DATE		GROUP	
				August 6, 2003		1796	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	EG						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
	EH	WO 97/48735	12/24/1997	PCT			YES NO
	EI	WO 97/48736	12/24/1997	PCT			
	EJ	WO 98/27124	06/25/1998	PCT			
	EK	WO 98/30569	07/16/1998	PCT			
	EL	WO 98/30612	07/16/1998	PCT			
	EM	WO 98/34964	08/13/1998	PCT			
	EN	WO 98/37106	01/27/1999	PCT			
	EO	WO 98/37109	08/27/1998	PCT			
	EP	WO 98/46651	10/22/1998	PCT			
	EQ	WO 98/55467	12/10/1998	PCT			
	ER	WO 99/01460	08/27/1998	PCT			
	ES	WO 99/02472	01/21/1999	PCT			
	ET	WO 99/02536	01/21/1999	PCT			
	EU	WO 99/12981	03/18/1999	PCT			
	EV	WO 99/46303	09/16/1999	PCT			
	EW	WO 99/46304	09/16/1999	PCT			
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	EX	Guerin, Del Vecchio and McConville "Ortho-substituted aryl diamido complexes of zirconium: observation of rotameric isomers" (1998) pp. 917-923					
	EY	Guerin, McConville and Payne "Conformationally Rigid Diamide Complexes: Synthesis and Structure of Titanium (IV) Alkyl Derivatives" (1996) pp. 5085-5089					
	EZ	Guerin, McConville and Vittal "Confirmationally Rigid Diamide Complexes of Zirconium: Electron Deficient Analogues of CpsZr" (1996) pp. 5586-5590					
	FA	Guerin, McConville Vittal and Yap "Synthesis, Structure, and Reactivity of Zirconium Alkyl Complexes Bearing Ancillary Pyridine Diamide Ligands" (1998) pp. 5172-5177					
	FB	Harkonen et al., "Synthesis, crystal structure and characterization of the heterometallic tetranuclear butterfly cluster . . ." (1995) pp. 205-208					
EXAMINER <i>/William Cheung/</i>				DATE CONSIDERED 06/11/2009			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant							

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /WC/

INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>			ATTY. DOCKET NO. 1999U26.US-CON3		SERIAL NO. 10/635,864		
			APPLICANT LOVEDAY et al.				
			FILING DATE August 6, 2003		GROUP 1796		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	FC						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	FD	WO 97/19959	06/05/1997	PCT			
	FE	WO 97/44371	11/27/1997	PCT			
	FF	WO 98/34961	08/13/1998	PCT			
	FG	WO 99/03899	01/28/1999	PCT			
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	FH	Horton, de With, van der Linden and van de Weg "Cationic Alkylzirconium Complexes Based on a Tridentate Diamide Ligand: New Alkene Polymerization Catalysts" (1996) pp. 2672-2674					
	FI	Kang, Kap Ku, et al. "The Synthesis and Polymerization Behavior of Bimetallic Pyridine Diamide Complexes, Containing Transition Metal (Ti, Zr)" Journal of Polymer Science: Part A: Polymer Chemistry, Vol 37, pages 3756-3762 (1999).					
	FJ	L. Liang et al., J. Am. Chem. Soc., vol. 121, no. 24, pp. 5797-5798 (1999)					
	FK	Munoz-Escalona et al., Development of Supported Single-Site Catalysts and Produced Polyethylene, Metalorganic Catalysts for Synthesis and Polymerisation, Recent Results by Ziegler-Natta and Metallocene Investigations, pp. 381-396.					
	FL	Repo, Klinga, Pietikainen and Leskela "Ethylenebis(salicylideneiminato)zirconium Dichloride: Crystal Structure and Use as a Heterogeneous Catalyst in the Polymerization of Ethylene" (1997) pp. 171-175					
	FM	Scollard and McConville "Living Polymerization of a-Olefins by Chelating Diamide Complexes of Titanium" (1996) pp 10008-10009					
	FN	Wang, Friedrich, younkin, Li, Grubbs, Bansleben and Day "Neutral Nickel (II)-Based Catalysts for Ethylene Polymerization (1998) pp. 3149-3151					
	FO	Chen et al., "Cocatalysts for Metal-Catalyzed Olefin Polymerization: Activators, Activation Processes, and Structure-Activity Relationships, Chem. Rev. (2000), 100, 1391-1434					
EXAMINER /William Cheung/			DATE CONSIDERED 06/11/2009				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant							

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /WC/